M. A. R. 57 (Rule 116) **No. E**

Measurement Book

535832

Serial No. 1st and final Bill

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency S. Narayana Rao S/o S. Sadashivamurthy.

Date of commencement of work D.O. Recording 29-10-2024

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of work :. Maintenance of water supply works to existing borewells at Rachenahalli Village Surrounding area in Ward No-06 By atarayanpura Sub-Division.						
	Estimated Cost Rs. 20.00 Lakhs						
	JIB Code - 006.20-000207 Indent no 41597						
	Head of A/c - P-1771 Zone-Works-Pou-Works						
	Work orders - BBMP/EE/BTP/WO/45/2020-21 dt. 15.07.2020						
	Date of Commencement - 15.07.2020						
	Date of Completion - 15-07-2021						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(1)	Labour charges of lifting of non-functioning submersible Pumpset along with cable and GI pipes.						400400
		qty - 3500 nos @ 114.40/each					400384.20
2)	Transportation of pumping machinery						
		qty - 35 nos @ 944.55/each					33059.20
(3)	(A) Rewinding of submersible pump sets 10H.P.						
		qty - 6 nos @ 5024.86/each.					30121.15
4)	(A) —"— 7.50HP	qty - 8 nos @ 4011.19/-					32089.52

M. A. R. 57 (Rule 116) No. E 535833
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
5)	(C) —"— 12.50 HP	qty 10 nos @ 6176.31/each -				B	61763.68
(6)	—"— 15.00 HP	qty - 11 nos @ 6087.10/each.				B	66958.10
(7)	(B) Replacement of motor parts, pump bowls						
		qty - 175 nos @ 323.25/-				B	56568.00
(8)	Intermediate piece with 20 Leaded bronze bush					A	26263.74
		qty - 35 nos @ 750.39/each					

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MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
9)	Upper flange	qty - 35 Nos @ 346.34/Each.					12124.73
10)	Lower Housing	qty - 35 Nos	@ 565.68/Each				19798.82
11)	Guide vane	qty - 130 Nos - @ 202.03/Each					26263.74
12)	Impeller shell moulded with aluminium bronze.	qty - 35 Nos @ 277.07/Each					9697.38
13)	Discharge outlet (D.O)	Bronze D.O. Steel body qty - 40 Nos @ 548.26/Each.					21934.58

M. A. R. 57 (Rule 116) No. E 535334
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
14)	Pump shaft made out of stainless steel centreless ground with key way (upto 8 stages) qty - 35 Nos @ 692.67/Each.					B	24243.45
15)	Pumping coupling (stainless steel) qty - 35 Nos @ 357.88/Each					B	12525.78
16)	Studs and nuts qty - 80 Nos @ 92.36/Each					B	7388.48
17)	Motor Base with pin qty - 20 Nos @ 427.15/-					B	8542.93

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
18)	Stator (With one year guarantee)	qty - 20 nos @ 5299.98/-					105999.60
19)	Rotor (With one year guarantee)	qty - 25 nos @ 4932.65/-					123316.25
20)	Carbon Housing	qty 35 nos @ 498.51/-					17447.94
21)	Thrust bearing block assembly Complete with segments bearing	qty - 35 nos @ 1206.93/-					42242.38
22)	Oil seal	qty - 35 nos @ 131.19/-					4591.56

M. A. R. 57 (Rule 116)
Measurement Book

No. E 535335

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
23)	Oil seal steel bush	qty - 35 nos @	157.43/- Each.			Rs	5509.88
24)	D.e. Bearing	qty - 40 nos @	299.11/- Each -			Rs	11964.30
25)	Steel bush	qty - 160 nos @	157.43/-			Rs	25188.80
26)	Allen screw.	qty - 95 nos @	26.24/-			Rs	2492.51
27)	pinny key (Stainless. steel)	qty - 25 nos @	131.19/-			Rs	3279.63

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
28)	Non-Return-valve (NRV) assembly Complete with Rubber 'O' Ring.	qty- 20 Nos @ 1416.83/Each-				Rs	28336.60
29)	Cable Guard	qty- 35 Nos @ 157.43/E				Rs	5509.88
30)	Strainer	qty- 35 Nos @ 157.43/E				Rs	5509.88
31)	Brass- filter	qty- 35 Nos @ 262.28/E				Rs	9182.13
32)	Labour charges	qty- 35 Nos @ 583.52/E				Rs	20423.27

M. A. R. 57 (Rule 116) No. E 535836
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
33)	Re-erection charges of pumping machineries including and painting.	qty- 35 Nos @ 997.07/Each-				Rs	34895.88
34)	Lock Ring	qty- 40 Nos @ 89.21/Each.				Rs	3568.30
35)	Carbon housing	qty- 35 Nos @ 498.51/Each					17447.94
36)	Top- Carbon/ferrado Padding	qty- 25 Nos @ 157.43/E-				Rs	3935.63

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
37)	Bearing (Cun-metal) Centrifugal Gr Aluminium bronze, bearing bush						
		qty- 30 Nos @ 419.80/each- Rs					12594.00
38)	Circlips.	qty- 40 Nos @ 52.48/each- Rs					2099.00
39)	Supplying and fixing of porcelain fuse channel with cut out on existing wooden panel using necessary nuts, bolts and washers etc complete.						
		qty- 90 Nos @ 157.43/each Rs					14168.20
40)	Threading GI pipes. 50mm dia						35424
		qty- 1400 Mtrs @ 26.24/Mtr. Rs					35420-63

1350

M. A. R. 57 (Rule 116) No. E 535837
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
41)	Supplying of submersible pump Cable.						
	(a) Manik Dew Mill Road near Magaf	1	480.00	–	–	480.00	
	(b) Kaveri Nagar. 3rd Cross	1	240.00	–	–	240.00	
	(c) Hegdenagar. 7th Cross	1	210.00	–	–	210.00	
	(d) Thalassin near OHT	1	28.00	–	–	280.00	
						1210.00 mtr	
					Add to	1200.00 mtr	181 353.60
42)	Supplying and fixing	Mtr			@	151.13/m	
	qty- 28 Nos @ 944.55/E					Rs	26447.40

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
43)	Earthwork excavation for foundation of buildings, H/S and density lines of electrical conduits, either in pits or in trenches 1.5m or and above in width, in ordinary soil not exceeding 1.5m in depth including dressing the bottom and sides of pits etc complete						
						after side this M.B. page 535883/1	
						= 239.634 m³ @ 332.62/m³ Rs	79707.77
44)	Providing and installing at site of work 63mm (0.062) PVC pipes of 6kg/cm², including casing pipes at specified and labour, including lowering into trenches, laying truth level and perfect fitting at joints, leak proof including						

M. A. R. 57 (Rule 116) No. E 535838

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(printing of approved type etc complete						
	(a) Maniyan-pathya near 3rd CRoss.	Chests 1	120.00	–	–	120.00	
	(b) Rockendaly colony and main Road near Circle	1	320.00	–	–	320.00	
	(c) Coding Up 2nd and 2nd cr	2	135.00	–	–	270.00	
						710.00 m	
						@ 413.84/m	293825.58
45)	Refilling available earth around pipe line, Cables in layers not exceeding 20cm in depth	Compulsorily each deposited layers					

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MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	by removing after washing with lead with jam and hot water upto 1.5 m. including costing all labour. Complete.						
	qty as per ✱ no (43) = 239.63 − 239.63 = 43						32254.32
	Supplying at delivery of brand new gate valve						
	Verified ✱ qty = 10 nos @ 1889.10 / each Rs						18891.00
	Total of other item (S.I No 40) Total Rs						13,84,858.00
	Total of PWD-SR (2.19 above SI No 41)						632482.00
	Add GST @ 12% on PWD SR items						75898.00
						Total	2093,238.00

Less Estimated Amount - 10238.00
Net - 2083000.00

M. A. R. 57 (Rule 116)

Measurement Book

No. E 535839

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor or nature of Agency .....

Date of commencement of work.....

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
			Rechambly main Road				
			Rechambly colony				
	To main pipe						
			320.00 mts				

MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Mariyamma Patya Chowk Mosque Dasarahally main Road	2nd cr	2nd cr	2nd cr		120 mt	
							29/10/2024
							29.10.2024

ಸಹಾಯಕ ಅಧೀಕ್ಷಕರು ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-24

ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

M. A. R. 57 (Rule 116) No. E

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

535840

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Abbubakar mosque Road	Thanisandra main Road	135mt	2nd cr			
			135mt	2nd cross			
							29/10/2024
							29.10.2024

ಸಹಾಯಕ ಅಧೀಕ್ಷಕರು ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು

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P1771- 006-20-000207

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	ಕಾಮಗಾರಿ P1771- POW ರದಿ		1st o Find	20,83,000			
	ಅಂದಾಜಿಗಾಗಿ ರೂ. 20,83,000/- ಗಳನ್ನು ಪಾಸು ಮಾಡಿದೆ		It	20830			
	ಟೆಂಡರ್ ಮೊ. 1,88,000/- ಗಳನ್ನು ಹೊಂದಾಣಿಕೆ		Cost	18599			
	ಮಂಜೂರಾತಿಗಾಗಿ ರೂ. 18,95,000/- ಗಳನ್ನು		Sec't	18599			
			FSD	104450			
	FINANCE/AUDIT ಅಭಿಪ್ರಾಯಕ್ಕಾಗಿದೆ		Cen	20830			
			CBI	2083			
			Fin	2109			
	ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು 7/11		Ded	188000			
	ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು 7/11		Chq'd	1895000			
	ಲೆಕ್ಕಪರಿಶೋಧಕರು 7/11						
	ಲೆಕ್ಕ ಸಹಾಯಕರು						
	ಲೆಕ್ಕಪರಿಶೋಧನಾಲಯದ ಕಛೇರಿ						
	ಬೃಹನ್ನಗರ ಬೆಂಗಳೂರು						
	ಬ್ಯಾಟರಾಯನಪುರ ಕಛೇರಿ						
	ಬೃಹನ್ನಗರ ಬೆಂಗಳೂರು						

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